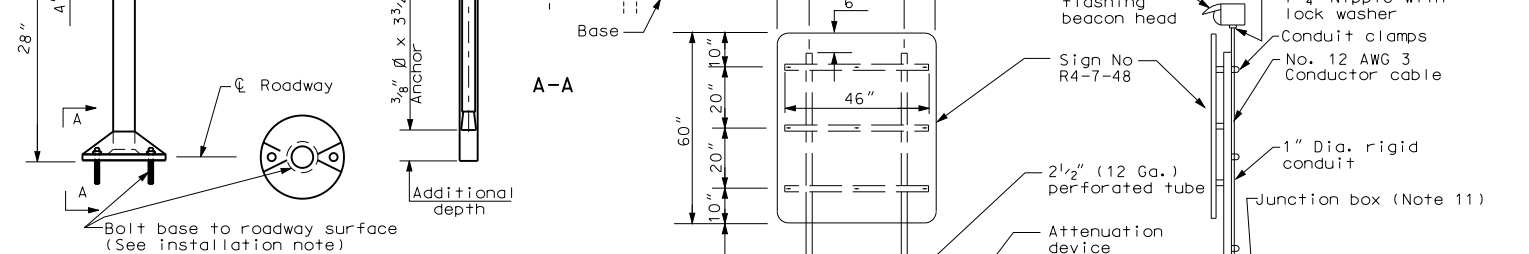


12" yellow flashies — 1 3/4" Nipple with



The anchor shall be galvanized steel.

1. Using a bit whose diameter equals the anchor diameter, drill hole to the depth so that bolt can be driven below concrete surface shown.
2. Assemble anchor with nut and washer so that the top of the nut is flush with the top of the anchor. Drive anchor through material to be fastened so washer is flush with surface of material.
3. Expand anchor by tightening nut 3 to 5 turns.
4. Removal: The nut, washer and base shall be removed. The anchor shall be cut off near the pavement and the anchor driven down approximately $\frac{1}{2}$ ". The remaining hole shall be filled with an epoxy approved by the engineer.
5. In lieu of the bolted down base the contractor may use Butyl Pad Stimsonite Corporation Pt. No. 2204-007 (black) or HB Fuller Pt. No. EP7200 (black) and EP7111 (grey) or equal.

PRECAST CONCRETE MEDIAN BARRIER TABLE	
Roadway \mathcal{C} to roadway \mathcal{C}	Number - length of median barriers
75'	48-480'
84'	44-440'
104'	43-430'

E Obliteration of pavement marking (10' line, 30' skip, centerline)
F Obliteration of pavement marking (edge lines)
G Raised pavement markers (white) 5' ctrs.
H Raised pavement markers (yellow) 5' ctrs.

Conductor shall be placed behind barricade away from traffic and tied at each barrier connection and draped above the ground.
Between the barrier and pole the conductors shall be placed a minimum of 6" underground.

DETAIL "B"



R2-1-48
Post
Mounted
(See note # 5)

3 Each

1 Each

25 Each

1 Each

14. A

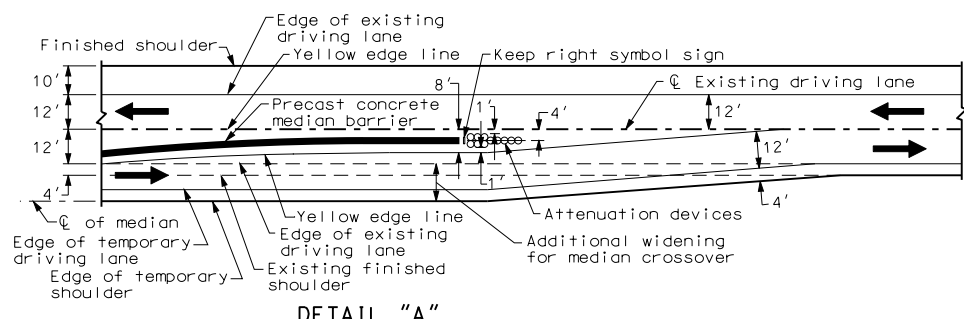
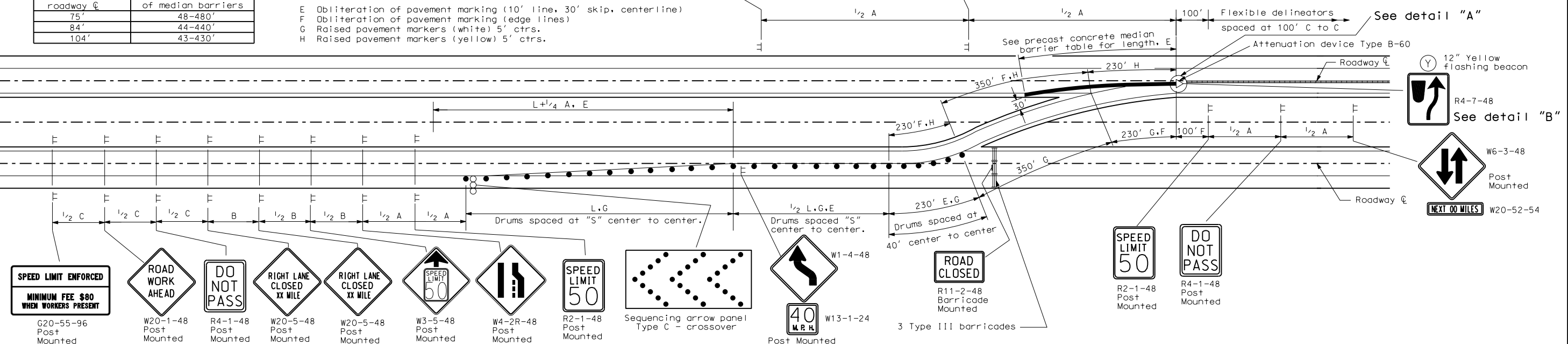
See precast concrete median barrier table

1 Each - Type B-60

(White)	397	Each
(Yellow)	163	Each

523 SF

delin



DETAIL "A"

KEY	
	Type I barricade
	Type II barricade
	Type III barricade
	Sign
	Delineator drum
	Cones
	Work area
	Flagger
	Sequencing arrow panel
	Type A delineator or vertical panels back to back

ADVANCE WARNING SIGN SPACING			
Road Type	Distance Between Signs Min. (ft)		
	A	B	C
Urban - Low Speed (30 mph or less)	150	150	150
Urban - Low Speed (over 30 to 40 mph)	280	280	280
Urban - High Speed (over 40 mph to 50 mph)	360	360	360
Rural - High Speed (over 50 mph to 65 mph)	720	720	720
Urban Expressway and Freeway (55 mph to 60 mph)	850	1350	2200
Rural Expressway and Freeway (70 mph to 75 mph)	1000	1500	2640
Interstate/4-Lane Divided (Maintenance and Surveying)	750	1000	1500

NORTH DAKOTA	
DEPARTMENT OF TRANSPORTATION	
07-25-03	
REVISIONS	
DATE	CHANGE
04-01-04	Revised fee sign, warning sign spacing & note 10
09-07-04	Revised attenuation device type
09-27-04	Revised sign sequence
12-01-04	PE S stamp added
06-29-05	Revised W4-2, Replace R2-5a with W3-5, Rev. Adv. Warning Table
10-12-05	Added note 11

**This document was originally issued and sealed by
MARK S. GAYDOS
Registration Number
PE- 4518 ,
on 10/12/05 and the original document is stored at the
North Dakota Department
of Transportation**